



CONTENTS OF VOLUME 38

Number 1

The Performance of a Coiled Finned-Tube Heat-Exchanger Submerged in a Hot-Water Store: The Effect of the Exchanger's Orientation	1
R. MOTE, S. D. PROBERT & D. NEVRALA (UK)	
Mass Transfer from a Sublimating Naphthalene Cylinder to a Crossflow of Air	21
LARRY W. FITE & WILLIAM S. JANNA (USA)	
Modelling as a Tool for Evaluating the Effects of Energy-Saving Measures. Case Study: A Tumbler Drier	33
A. J. D. LAMBERT, F. P. M. SPRUIT & J. CLAUS (The Netherlands)	
Energy Overview of Malta	49
J. CACHIA (Malta) & S. D. PROBERT (UK)	
Influence of Tracer-Gases on the Accuracy of Interzonal Airflow Measurements	67
S. B. RIFFAT (UK)	
Book Review	79

Number 2

Effects of Edges on Solar-Energy Collection in Small Solar Ponds	81
M. A. HASSAB (Arabian Gulf) & O. A. EL-MASRY (Egypt)	
Performances of Heat Exchangers with Tapered Fins	95
S. F. HO, C. W. LEUNG (Hong Kong) & S. D. PROBERT (UK)	
A Modified Otto Cycle Engine for Fuel Economy	105
R. CHICUREL (Mexico)	
Flowfield Around a Partially-Blocked Savonius Rotor	117
M. A. KOTB & T. K. ALDOSS (Jordan)	
A Heat-Recovery Cooling System to Conserve Energy in Gas-Turbine Power Stations in the Arabian Gulf	133
ADEL E. M. NASSER & MOHAMED A. EL-KALAY (Bahrain)	

Heat Transfer from Turbulent Air Flowing Through a Cooled Isothermal Tube WILLIAM S. JANNA, TONY EL-NAR & DAVID ALCIATORE (USA)	143
--	-----

Book Reviews	157
------------------------	-----

Number 3

Working Fluids Thermodynamic Behavior for Vapor Compression Cycles . FILIPPO DE'ROSSI, RITA MASTRULLO & PIETRO MAZZEI (Italy)	163
--	-----

Non-uniform Velocity Effect in a Constant-Area Ejector Without a Diffuser . TING-HSIEN LAN & HONG-SEN KOU (Taiwan)	181
---	-----

Passive Solar Heating of Buildings Using a Fluidized Bed Plus Trombe Wall System MURAT TUNÇ & MITHAT UYSAL (Turkey)	199
---	-----

Open Absorption System: Experimental Study in a Laboratory Pilot Plant . L. WESTERLUND & J. DAHL (Sweden)	215
--	-----

Airflow Rate Through a Heat-Exchanger Coil S. B. RIFFAT (UK)	231
---	-----

Book Review	239
-----------------------	-----

Number 4

Natural-Convection Cooling of a Housed, Simulated Printed-Circuit Board . K. F. CHAN, C. W. LEUNG (Hong Kong) & S. D. PROBERT (UK)	245
---	-----

Heat-Integration Retrofit Study of a Petroleum Refinery SALIH DINÇER & İNCİ ŞENTARLI (Turkey)	253
--	-----

Heat-Transfer Considerations for Large Liquefied-Natural-Gas Storage Tanks . P. JOURDA & S. D. PROBERT (UK)	263
--	-----

Is Space Heating in Offices Really Necessary? STIG-INGE GUSTAFSSON & BJÖRN G. KARLSSON (Sweden)	283
--	-----

Heat Transfers in Treatment Furnaces M. K. WHITE & S. D. PROBERT (UK)	293
--	-----

Book Reviews	325
------------------------	-----

